

FIG. 1

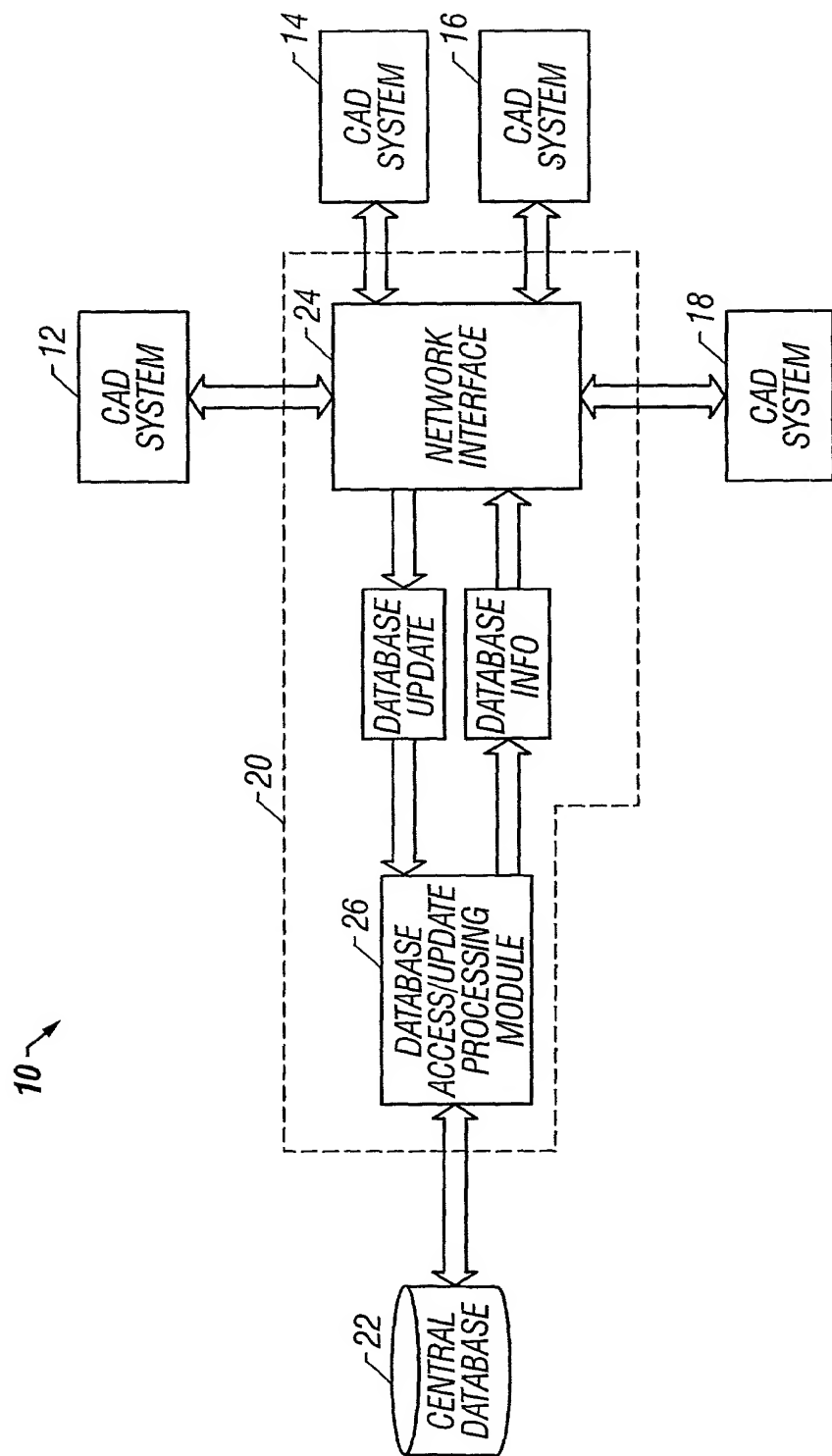


FIG. 2

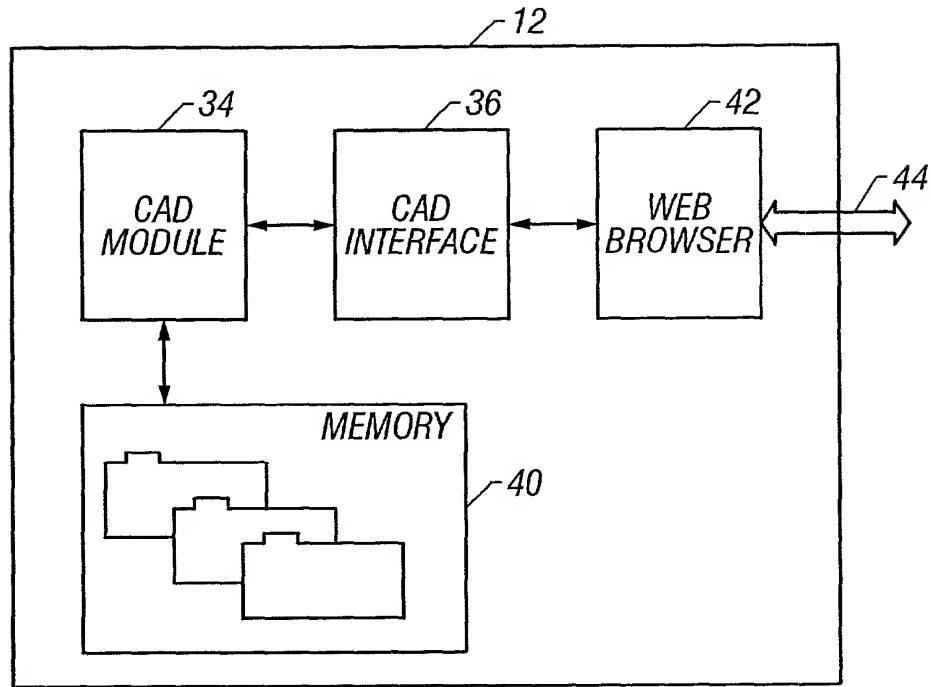


FIG. 3

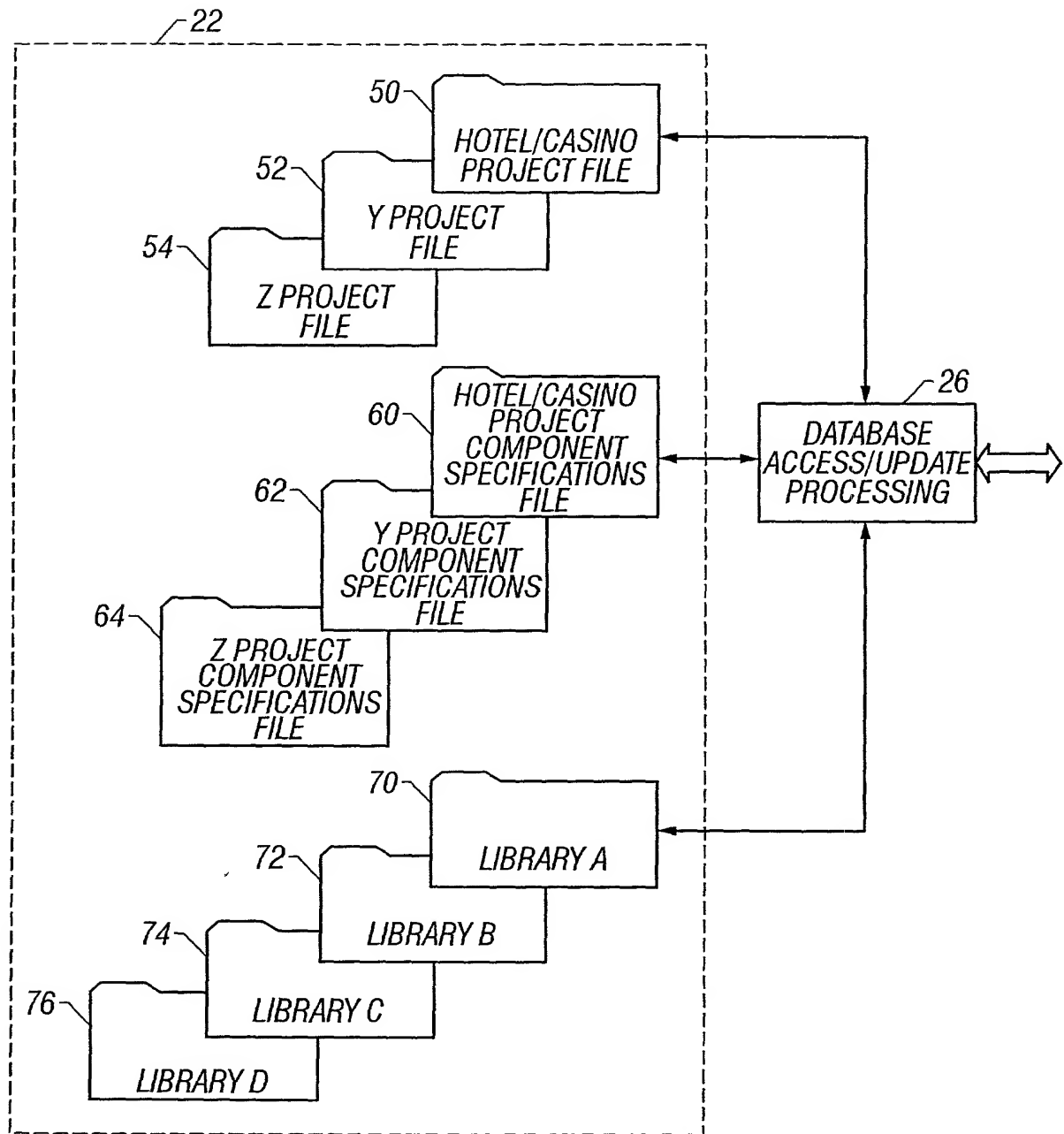


FIG. 4A

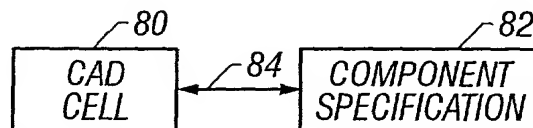


FIG. 4B

Title: INTELLIGENT OBJECT BUILDER
 Applicant: Thomas A. Wucherer et al. Docket: TRIRG-08851US0
 Appl. No : Unassigned Atty: Larry E. Vierra
 Filing Date: October 30, 2001 Phone: (415) 369-9660
 Express Mail No.: EL 795247709 US

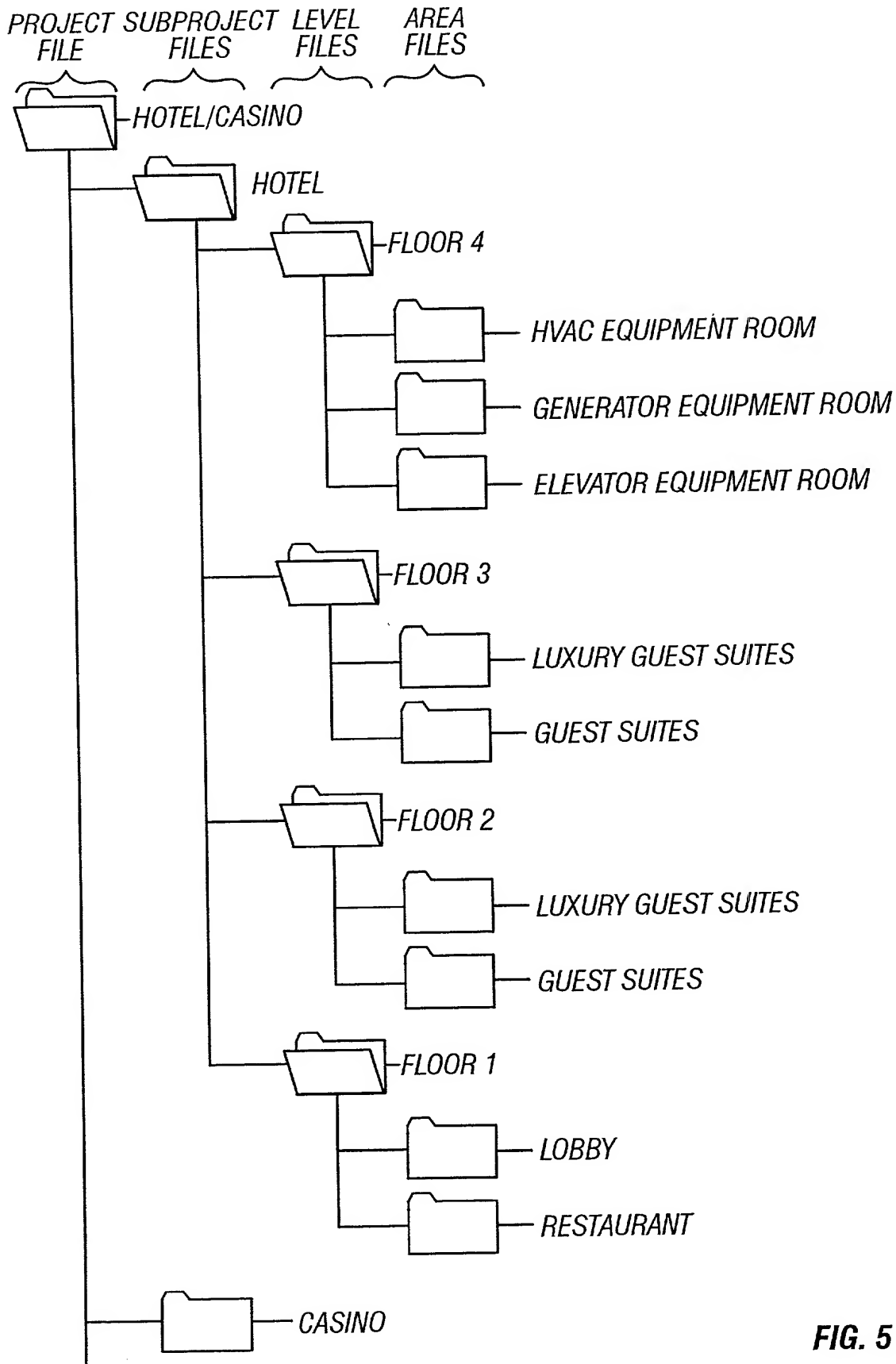


FIG. 5

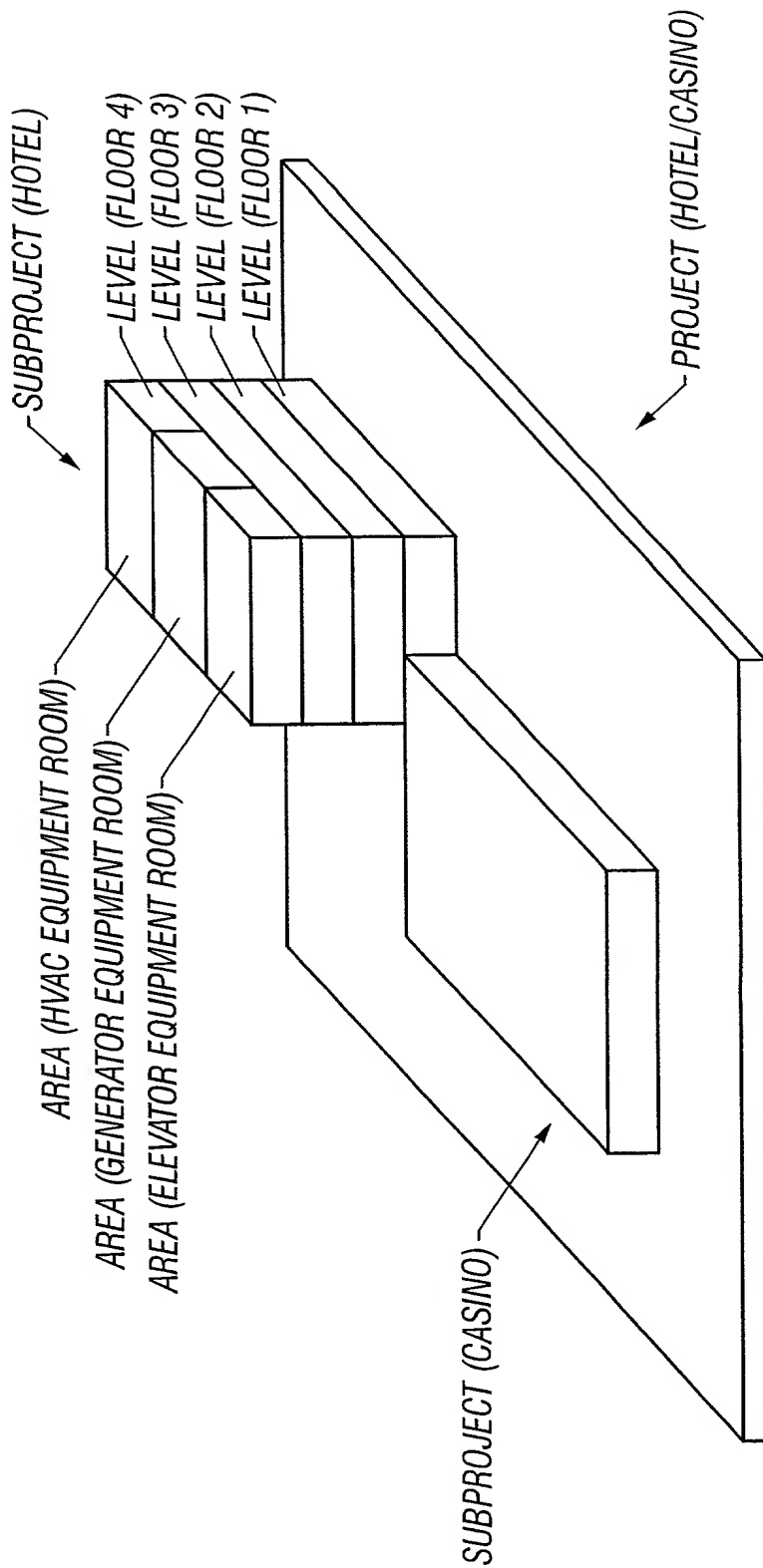


FIG. 6

FIG. 6

PROJECT FILE

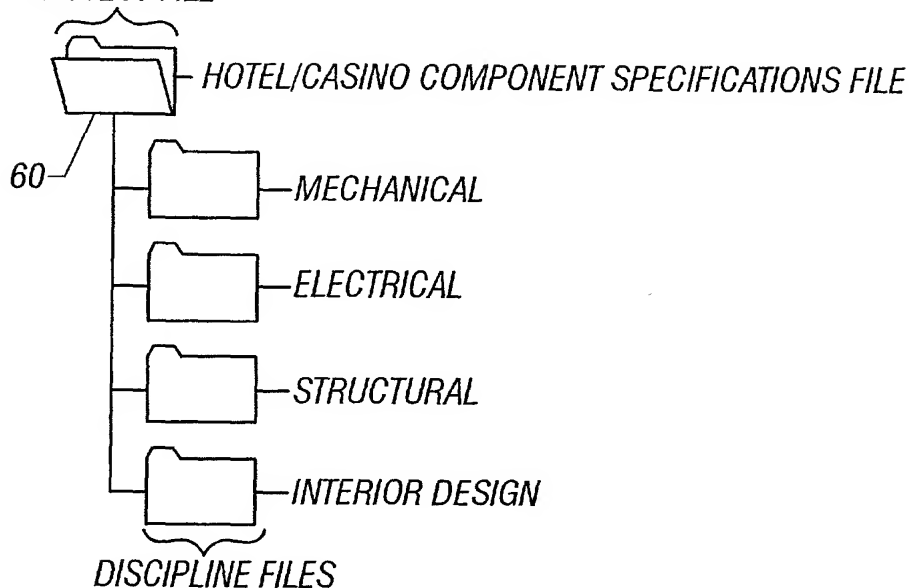


FIG. 7

DISCIPLINE FILE

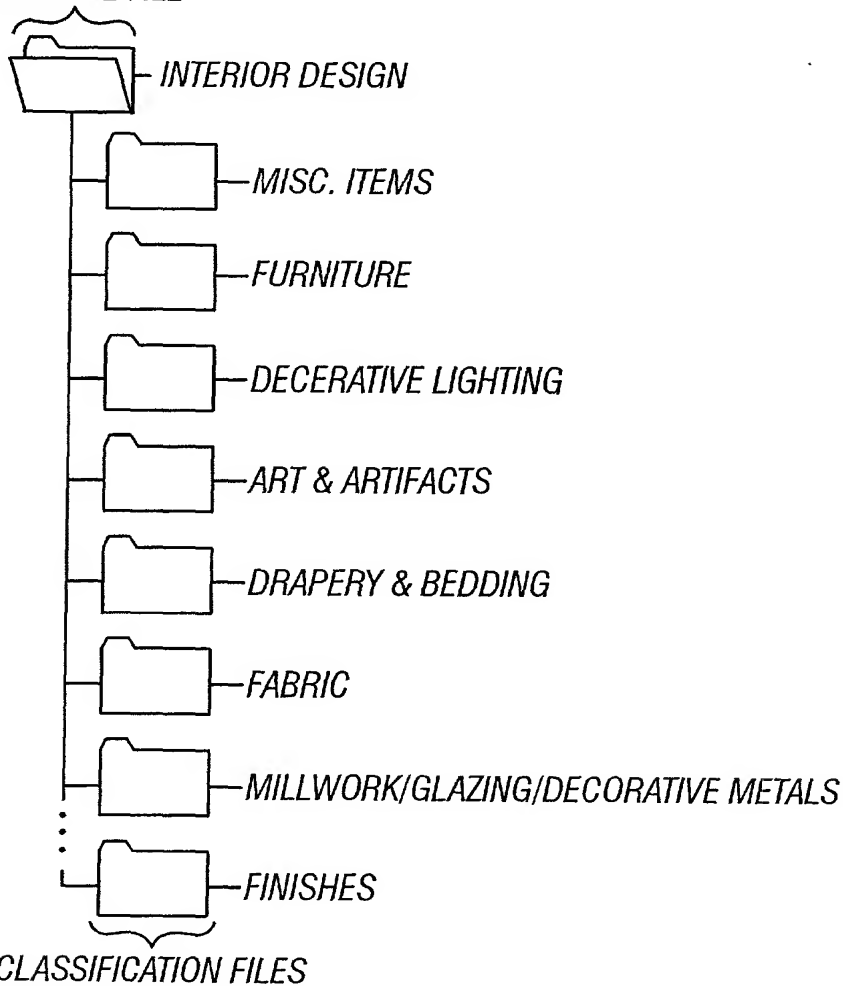


FIG. 8

10024661-103001

CLASSIFICATION FILES

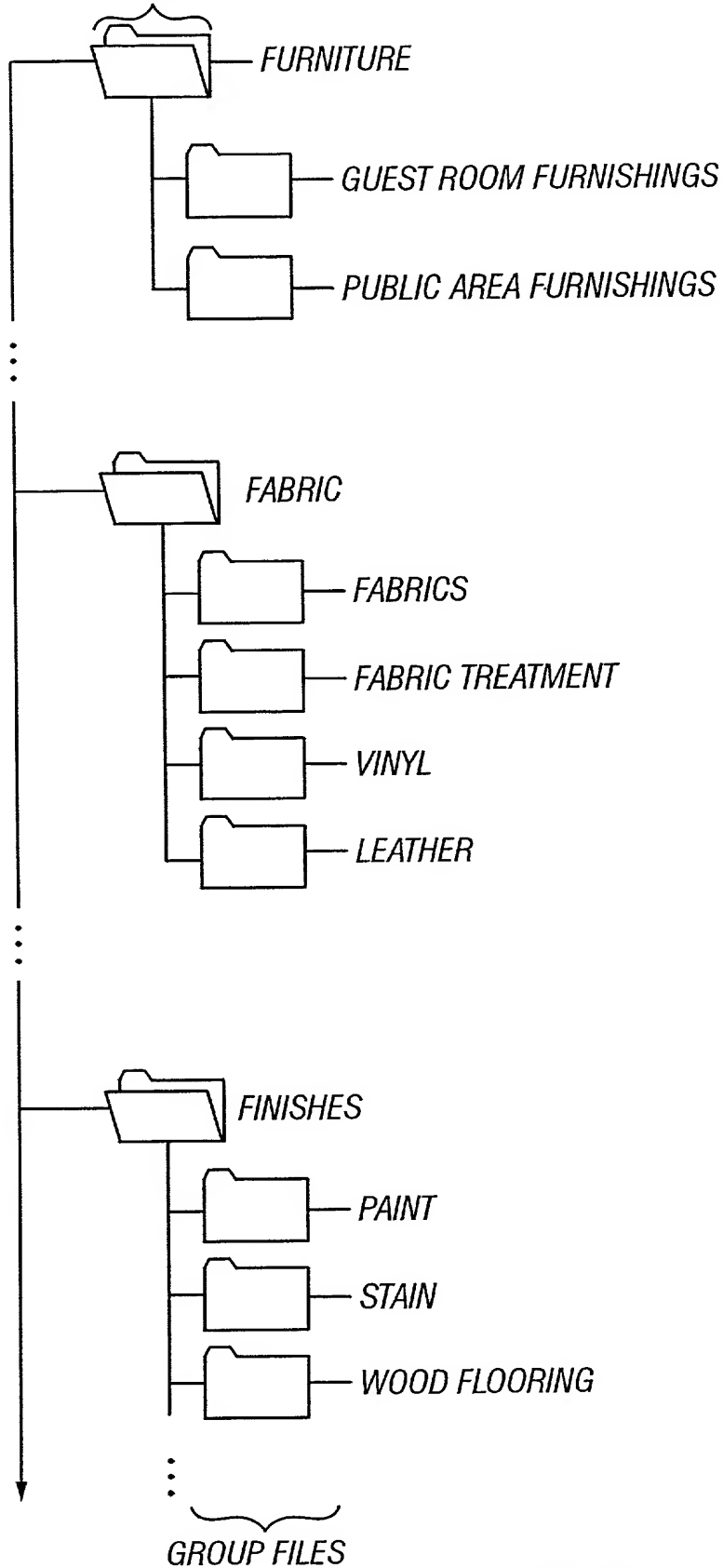


FIG. 9

GROUP FILE COMPONENT SPECIFICATIONS

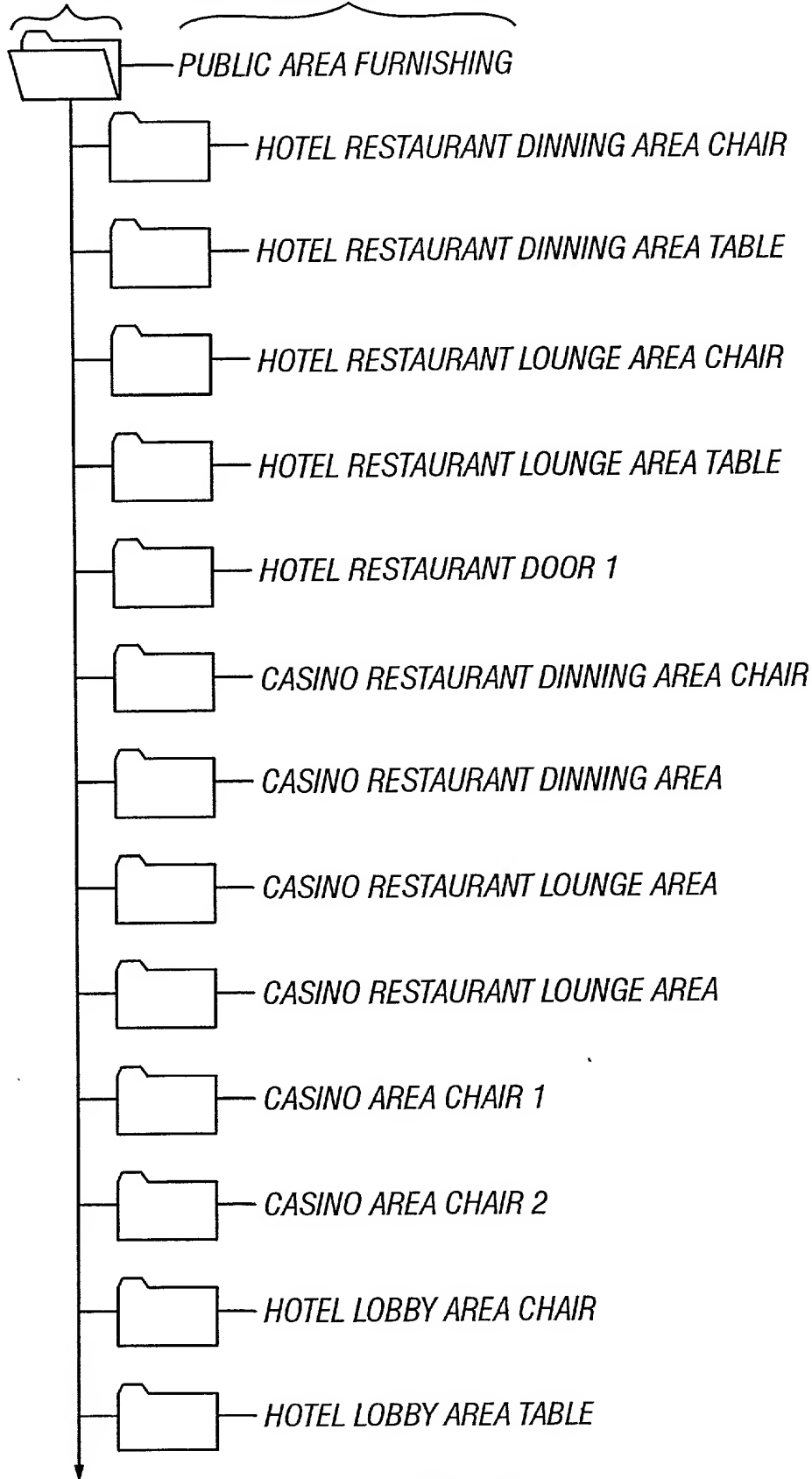


FIG. 10

10021661-103001

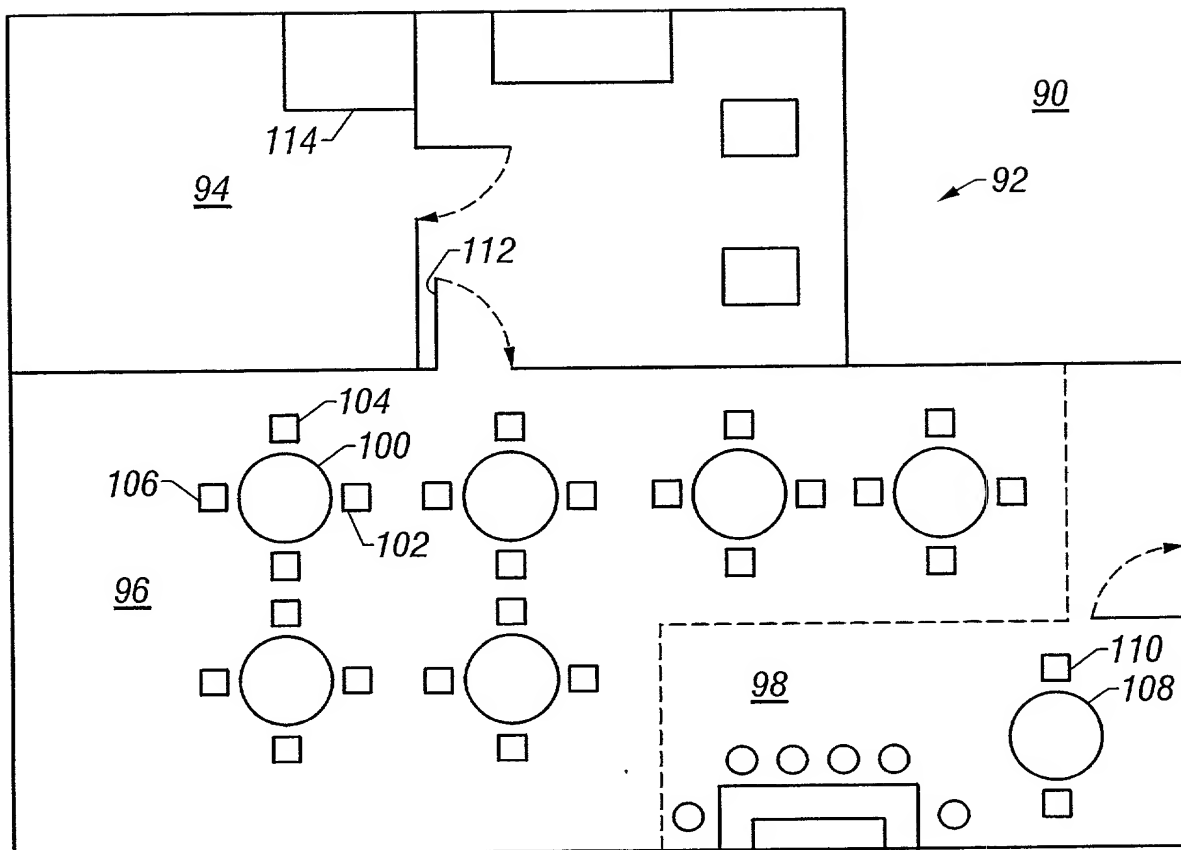


FIG. 11

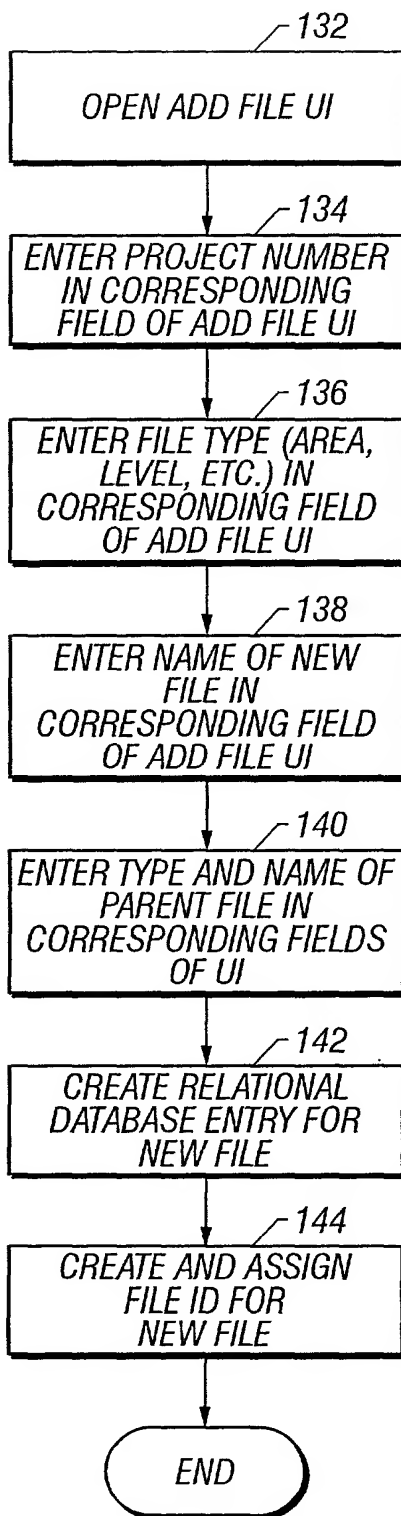


FIG. 12A

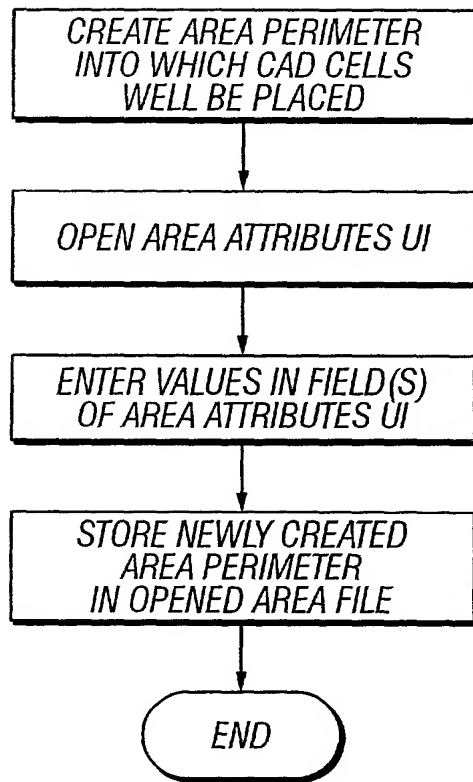


FIG. 13A

Area Attributes

Name:

Use: ▼

Gross Sq. Feet:

OK Cancel

FIG. 13B

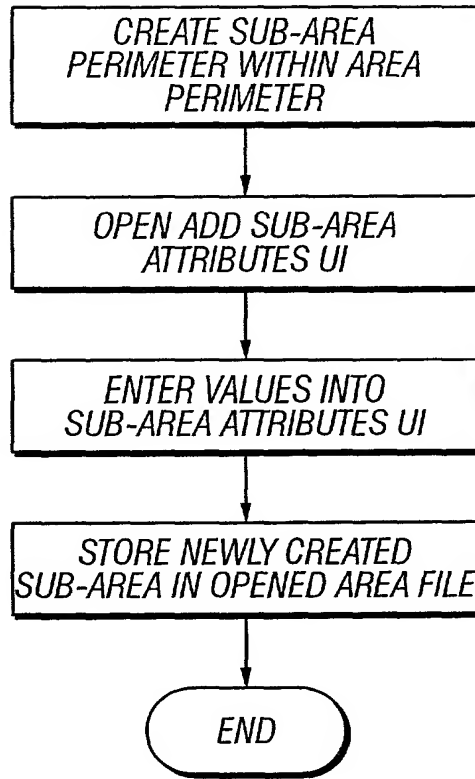


FIG. 14A

The dialog box is titled "Sub-Area Attributes". It contains five input fields: "Name:" (a text box), "Number:" (a text box with a dropdown arrow), "Use:" (a text box with a dropdown arrow), "Net Square Feet:" (a text box), and "Max. Occupancy:" (a text box). At the bottom, there are two buttons: "OK" and "Cancel".

FIG. 14B

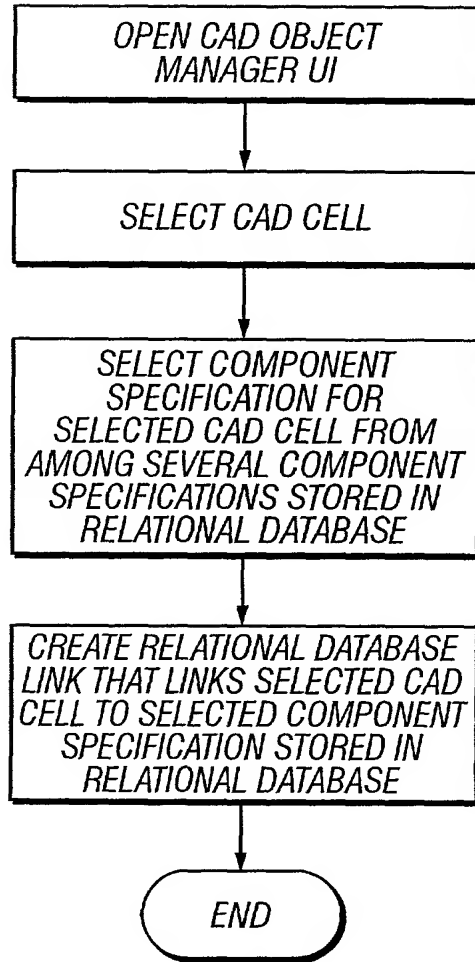


FIG. 15A

10021661-103001

_ □ ×

Cad Object Manager

File
Help

Group:

Select Cell

Sub-Area:

Select Sub-Area

Mark:

Place Mark

Spec:

New Spec

Apply

Reset

<< Details

Status Area

Hotel Restaurant

Fabric

Fabric Treatment

● Scotchguard

● Fabric 1

Stain

150

Add SubSpec

Add Instance

Remove

Edit Instance

Edit Spec

Attributes
Status
Quantities
Costs

Height:

▼

Width:

▼

Depth:

▼

Color:

Fire Rating:

Other:

FIG. 15B